

FEB 19 1982

FORM 11641 - PWO

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>3M COMPANY</b>		EMERGENCY TELEPHONE NO. <b>(612) 733-2328</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>3M CENTER, ST. PAUL, MINNESOTA 55101</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>3M Brand Integral Fuel Tank</b>
CHEMICAL FAMILY	FORMULA <b>Sealant EC-1675 B, Class B-1</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER: METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Methyl ethyl ketone				<2	200ppm
Dimethylformamide				<3	10ppm (skin)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	MEK	176°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.47
VAPOR PRESSURE (mm Hg.)		NA	PERCENT VOLATILE BY WEIGHT (%)	~2
VAPOR DENSITY (AIR=1)	MEK	>1	EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER		Slight		
APPEARANCE AND ODOR Viscous cream colored paste.				

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	170°F (O.C.)	FLAMMABLE LIMITS	LFL	UFL
EXTINGUISHING MEDIA	CO <sub>2</sub> , foam, dry chemical.			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE See Section II.

**EFFECTS OF OVEREXPOSURE**

May be irritating to the eyes. Breathing concentrated vapors may be irritating to the upper respiratory system.

**EMERGENCY AND FIRST AID PROCEDURES**

Eye Contact: Flush eyes with plenty of water. Obtain medical attention.

Inhalation: Provide fresh air.

**SECTION VI - REACTIVITY DATA****STABILITY**

UNSTABLE

**CONDITIONS TO AVOID**

STABLE

X

**INCOMPATIBILITY (Materials to avoid)****HAZARDOUS DECOMPOSITION PRODUCTS****HAZARDOUS  
POLYMERIZATION**

MAY OCCUR

WILL NOT OCCUR

X

**CONDITIONS TO AVOID****SECTION VII - SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**  
Collect spilled material. Clean up residue.**WASTE DISPOSAL METHOD**

Sanitary landfill or incinerate properly in accordance with local regulations.

**SECTION VIII - SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION (Specify type)****VENTILATION**

LOCAL EXHAUST

X

SPECIAL

MECHANICAL (General)

OTHER

**PROTECTIVE GLOVES****EYE PROTECTION**

X

**OTHER PROTECTIVE EQUIPMENT****SECTION IX - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep away from sources of ignition. Use only in areas adequately ventilated to prevent vapor buildup. Avoid eye contact. Avoid prolonged breathing of vapors

**OTHER PRECAUTIONS**

and prolonged or repeated contact with skin.